AUTHOR INDEX

1988, Volume 60

ABASCAL V M *see* Wilkins G T *et al*
ABER V R *see* Barbir M *et al*
ADAM W E *see* Wieshammer S *et al*
AL WAKEEL B *see* de Belder M A *et al*
ALLAN L D *see* Angelini A *et al*
Machado M V L *et al*
AMANO K *see* Suzuki J-I *et al*
ANDERSON D R (& Gray M R) Mitral incompetence associated with lipoma infiltrating the mitral valve case report 169
ANDERSON R H Pulmonary atresia with ventricular septal defect and coronary artery fistula: a late presentation: correspondence 264
see also Angelini A *et al*
Sharma S *et al*
Wharton J *et al*
ANGELINI A (& Allan L D, Anderson R H, Crawford D C, Chita S K, Ho S Y) Measurements of the dimensions of the aortic and pulmonary pathways in the human fetus: a correlative echocardiographic and morphometric study 221
ARNOLD R *see* Qureshi S A *et al*
ÅSTRÖM H *see* Pehrsson S K *et al*

BAIG M W *see* Wilson J *et al*
BALCON R *see* Gershlick A H *et al*
BARAZZONE C (& Jaccard C, Berner M, Dayer P, Rouge J-C, Oberhansli I, Friedli B) Propranolol treatment in children with tetralogy of Fallot alters the response to isoprenaline after surgical repair 156
BARBIR M (& Wile D, Trayner I, Aber V R, Thompson G R) High prevalence of hypertriglyceridaemia and apolipoprotein abnormalities in coronary artery disease 397
BATTISTESSA S A (& Burczynski P L, McKay R) Periarterial abscess: another cause of cyanosis after pulmonary artery banding: case report 355
BAYLISS J *see* Urban P *et al*
BELDER M A DE *see* de Belder M A
BENNETT E D *see* Cripps T *et al*
BERGLUND H (& Rosenqvist M, Boukter S, Bevegård S, Edhag K O) Responses to carotid sinus stimulation before and after propranolol 516
BERISHA S (& Goda A, Kastrati A, Frasheri A, Popa Y) Acute haemodynamic effects of nifedipine in patients with ventricular septal defect 149
BERNARD R *see* Cleempoel H *et al*
BERNER M *see* Barazzone C *et al*
BERNSTEIN J J *see* Page S R *et al*
BERON G *see* Hausdorf G *et al*
BEVEGÅRD S *see* Berglund H *et al*
BIDOIS J LE *see* le Bidois J
BLANCQUAERT A DEVLOO- *see* Devloo-Blancquaert A
BLOCK P C *see* Wilkins G T *et al*
BLOOM S R *see* Meleagros L *et al*
BOUKTER S *see* Berglund H *et al*
BOURKE J P *see* Cowan J C *et al*
BRADLEY J A (& Gibson D G) Assessment of the severity of mitral regurgitation from the dynamics of retrograde flow 134
BRAUNWALD E *see* Roberts R *et al*
BULLER N *see* Urban P *et al*
BURCZYNSKI P L *see* Battistessa S A *et al*
BUSH A (& Busst C M, Knight W B, Shinebourne E A) Comparison of the haemodynamic effects of epoprostenol (prostacyclin) and tolazoline 141
BUSST C M *see* Bush A *et al*

CAINE N *see* Livesey S *et al*
CAMM A J *see* Cripps T *et al*
CAMPBELL T J *see* Gavaghan T P *et al*
CAMPBELL R W F *see* Cowan J C *et al*
CAREP E B *see* Turitto G *et al*
CASHMAN P M M *see* Kohli R S *et al*
CHAMBERS J (& McLoughlin N, Rapson A, Jackson G) Effect of changes in heart rate on pressure half time in normally functioning mitral valve prostheses 502
CHAN S L *see* Mitsuoka T *et al*
CHEESMAN M G (& Webster J, Rowlands D) Pericardial obliteration by angiosarcoma: case report 262
see also Murray N H *et al*
CHITA S K *see* Angelini A *et al*
CHIU I-S (& How S-W, Wang J-K, Wu M-H, Chu S-H, Lue H-C, Hung C-R) Clinical implications of atrial isomerism 72
CHU S-H *see* Chiu I-S *et al*
CLEEMPOEL H (& Vainsel H, Dramaix M, Lanaers A, Contu E, Hoylaerts M, Demaret B, de Marneffe M, Vandenbossche J-L, Renard M, Haardt R, Englert M, Denolin H, Bernard R) Limitations on the prognostic value of prediscbarge data after myocardial infarction 98
COHEN L *see* Guikahue M K *et al*
COLEMAN E N *see* Houston A B *et al*
CONROY R M *see* Robinson K *et al*
CONTU E *see* Cleempoel H *et al*
COPPENS M *see* van Egmond H *et al*
COPPOCK M A (& Safford R E, Danielson G K) Intracardiac thrombosis, phospholipid antibodies, and two-chambered right ventricle: case report 455
COTTIER D E *see* McKeigue P M *et al*
COURT Y D S *see* McKeigue P M *et al*
COWAN J C (& Hilton C J, Griffiths C J, Tansuphasawadikul S, Bourke J P, Murray A, Campbell R W F) Sequence of epicardial repolarisation and configuration of the T wave 424
CRAIG M MILLAR- *see* Millar-Craig M
CRAWFORD D C *see* Angelini A *et al*
CREAN P *see* Mulcahy D *et al*
CRIPPS T (& Bennett E D, Camm A J, Ward D E) High gain signal averaged electrocardiogram combined with 24 hour monitoring in patients early after myocardial infarction for bedside prediction of arrhythmic events 181
CROFT C *see* Roberts R *et al*
CURRY P V L *see* Machado M V L *et al*

DANCY M (& Dawkins K, Ward D) Balloon dilatation of the aortic valve: limited success and early restenosis 236
DANIELSON G K *see* Coppock M A *et al*
DARGIE H J *see* McAlpine H M *et al*
DAVIES J A *see* Wilson J *et al*
DAVIES M J Ischaemic ventricular aneurysms: true or false?: editorial 95
—(& Woolf N, Rowles P M, Pepper J) Morphology of the endothelium over atherosclerotic plaques in human coronary arteries 459
—*see also* Robinson K *et al*
DAWKINS K *see* Dancy M *et al*
DAWSON J *see* Evans S J W *et al*
DAYER P *see* Barazzone C *et al*
DE BELDER M A (& Pumphrey C W, Skehan J D, Rimington H, Al Wakeel B, Evans S J W, Rothman M T, Mills P G) Relative power of clinical, exercise test, and angiographic variables in predicting

clinical outcome after myocardial infarction: the Newham and Tower Hamlets study 377
De Leval M *see* El Habbal M M *et al*
De Marneffe M *see* Cleempoel H *et al*
Deanfield J E (& Gundry S R, Stark J) Surgical creation of a double outlet right atrium for tricuspid valve stenosis after a Rastelli operation: case report 172
Dec G W (& Fallon J T, Southern J F, Palacios I F) Relation between histological findings on early repeat right ventricular biopsy and ventricular function in patients with myocarditis 332
Demaret B *see* Cleempoel H *et al*
Denolin H *see* Cleempoel H *et al*
Der Hauwaert L G van *see* van der Hauwaert L G
Der Lippe G von *see* von der Lippe G
Deverall P B *see* Hamouratidis N D *et al*
Devine W *see* Sharma S *et al*
Devloo-Blanquaert A *see* van Egmond H *et al*
Distante A *see* Picano E *et al*
Doig W B *see* Houston A B *et al*
Douglas J T *see* Small M *et al*
Dramaix M *see* Cleempoel H *et al*
Drobinski G *see* Lascault G *et al*
Dumoulin M *see* Gewillig M *et al*
Dunn F G *see* Hogg K J *et al*

Edhag K O *see* Berglund H *et al*
Egmond H van *see* van Egmond H
El Habbal MM (& de Leval M, Sommerville J) Anomalous origin of the left anterior descending coronary artery from the pulmonary trunk: recognition in life and successful surgical treatment: case report 90
El-Sherif N *see* Turitto G *et al*
Ell P J *see* Underwood S R *et al*
Emanuel R W *see* Fitzpatrick A P & Emanuel R W
Underwood S R *et al*
Englert M *see* Cleempoel H *et al*
English T A H *see* Livesey S *et al*
Erhardt T *see* Svenson G *et al*
Erttmann R *see* Hausdorf G *et al*
Espejo R *see* Wharton J *et al*
Evans S J W (& Mills P, Dawson J) The end of the p value?: editorial 177
—*see also* de Belder M A *et al*

Fallon J T *see* Dec G W *et al*
Fiandra A *see* Hamouratidis N D *et al*
Fiegel A *see* Milo S *et al*
Firmin D N *see* Underwood S R *et al*
Firmin R K *see* Hunt T M *et al*
Fitzpatrick A P (& Emanuel R W) Familial neurofibromatosis and hypertrophic cardiomyopathy 247
Fontaine J M *see* Turitto G *et al*
Forbes C D *see* Small M *et al*
Fox K *see* Mulcahy D *et al*
Urban P *et al*
Fox K M Silent ischaemia: clinical implications in 1988: editorial 363
Frasheri A *see* Berisha S *et al*
Friedli B *see* Barazzone C *et al*
Furniss S S *see* Locke T J *et al*

Gadgil U G *see* Sarma J S M *et al*
Gavaghan T P (& Keogh A M, Kelly R P, Campbell T J, Thorburn C, Morgan J J) Flecainide compared with a combination of digoxin and disopyramide for acute atrial arrhythmias after cardiopulmonary bypass 497
Gemmill J D (& Sandler M, Hillis W S, Tillman J, Wakeel R) Vasculitis complicating treatment with intravenous anisoylated plasminogen streptokinase activator complex in myocardial infarction: correspondence 361
Gershlick A H (& Lyons J P, Wright J E C, Sturridge M F, Layton C A, Balcon R) Long term clinical outcome of coronary surgery and assessment of the benefit obtained with postoperative aspirin and dipyridamole 111
Gewillig M (& Dumoulin M, van der Hauwaert L G) Transient neonatal tricuspid regurgitation: a Doppler echocardiographic study of three cases 446
Ghatei M A *see* Meleagros L *et al*
Gibbs J L (& Qureshi S A, Martin R, Wilson N, Yacoub M H, Radley Smith R) Neonatal anatomical correction of transposition of the great arteries: non-invasive assessment of haemodynamic function up to four years after operation 66
Gibbs J S R *see* Meleagros L *et al*
Gibson D G *see* Bradley J A & Gibson D G
Gray H H *et al*
Gill C R W *see* Underwood S R *et al*
Gillen G *see* McAlpine H M *et al*
Goda A *see* Berisha S *et al*
Gold H K *see* Roberts R *et al*
Goor D A *see* Milo S *et al*
Gray H H (& Paneth M, Gibson D G) Angina pectoris treated by ventricular plication: case report 83
—(& Morgan J M, Paneth M, Miller G A H) Pulmonary embolectomy for acute massive pulmonary embolism: an analysis of 71 cases 196
Gray M R *see* Anderson D R & Gray M R
Griffiths C J *see* Cowan J C *et al*
Guikahue M K (& Sidi D, Kachaner J, Villain E, Cohen L, Piechaud J F, le Bidois J, Pedroni E, Vouhe P, Neveux J Y) Anomalous left coronary artery arising from the pulmonary artery in infancy: is early operation better? 522
Gundry S R *see* Deanfield J E *et al*

Haardt R *see* Cleempoel H *et al*
Habbal M M El *see* El Habbal M M
Hada Y *see* Suzuki J-I *et al*
Hamouratidis N D (& Handler C E, Pipilis A, Fiandra A, Deverall P B, Yates A K) Effects of coronary artery surgery on left ventricular performance, segmental wall movement, and exertional ischaemia 23
Hampton J R *see* Murphy J J & Hampton J R
Handler C E *see* Hamouratidis N D *et al*
Hartwell T D *see* Roberts R *et al*
Hasegawa I *see* Suzuki J-I *et al*
Hausdorf G (& Morf G, Beron G, Erttmann R, Winkler K, Landbeck G, Keck E W) Long term doxorubicin cardiotoxicity in childhood: non-invasive evaluation of the contractile state and diastolic filling 309
—(& Siglow V, Nienaber C A) Effects of increasing afterload on early diastolic dysfunction in hypertrophic non-obstructive cardiomyopathy 240
Hauwaert L G van der *see* van der Hauwaert L G
Hayward R (& Kendall B, Treasure T) Balloon closure of a surgical aorta-atrial communication: case report 358
Hess O M *see* Nonogi H *et al*
Hillis W S *see* Gemmill J D *et al*
Hogg K J *et al*
Hilton C J *see* Cowan J C *et al*
Hjemdahl P *see* Pehrsson S K *et al*
Ho S Y (& Russell G, Rowland E) Coronary venous aneurysms and accessory atrioventricular connections: case report 348
—*see also* Angelini A *et al*
Hockings N *see* Hogg K J *et al*
Hogg K J (& Hornung R S, Howie C A, Hockings N, Dunn F G, Hillis W S) Electrocardiographic prediction of coronary artery patency after thrombolytic treatment in acute myocardial infarction: use of the ST segment as a non-invasive marker 275
Hollman A (& Krikler D M, Moret P) Duchosal P W: obituary 532
Hornung R S *see* Hogg K J *et al*
Hoshino T (& Ohmae M, Sakai A) Spontaneous resolution of a

dissection of the descending aorta after medical treatment with a beta blocker and a calcium antagonist: correspondence reply 265
HOUSTON A B (& Lim M K, Doig W B, Reid J M, Coleman E N) Doppler assessment of the interventricular pressure drop in patients with ventricular septal defects 50
HOW S-W *see* Chiu I-S *et al*
HOWIE C A *see* Hogg K J *et al*
HOYLAERTS M *see* Cleempoel H *et al*
HUNG C-R *see* Chiu I-S *et al*
HUNT A *see* Perry R A *et al*
HUNT T M (& Firmin R K, Johnstone M J S) Management of a patient with Wilms's tumour extending into the right heart chambers: a case report and a review of other published reports: case report 165
HUNTER G J (& Thomas H, Treasure T, Surridge M F, Swanton R H) Demonstration of the ascending aorta in infective endocarditis by intravenous digital subtraction angiography 252
HUTTON I *see* Small M *et al*

JACCARD C *see* Barazzone C *et al*
JACKSON G *see* Chambers J *et al*
JAFFE A S *see* Roberts R *et al*
JESPERSEN C M (& Rasmussen V) Value of a bipolar modified inferior lead in detection of inferior myocardial ischaemia 287
JOHANNESSEN K-A (& Nordrehaug J E, von der Lippe G, Vollset S E) Risk factors for embolisation in patients with left ventricular thrombi and acute myocardial infarction 104
JOHNSTONE M J S *see* Hunt T M *et al*

KACHANER J *see* Guikahue M K *et al*
KALFF V *see* Wong K Y *et al*
KASTRATI A *see* Berisha S *et al*
KAWAKUBO K *see* Suzuki J-I *et al*
KECK E W *see* Hausdorf G *et al*
KECK F S *see* Wieshammer S *et al*
KEEGAN J *see* Mulcahy D *et al*
KELLY M J *see* Wong K Y *et al*
KELLY R P *see* Gavaghan T P *et al*
KENDALL B *see* Hayward R *et al*
KENNY R A *see* Mitsuoka T *et al*
KEOGH A M *see* Cavaghan T P *et al*
KHAGHANI A *see* Wharton J *et al*
KIRK C R *see* Qureshi S A *et al*
KLASSEN G A *see* Picano E *et al*
KLIPSTEIN R H Blood flow patterns in the human aorta studied by magnetic resonance: correspondence reply 175
—*see also* Underwood S R *et al*
KNIGHT B *see* Redington A N *et al*
KNIGHT W B (& Shinebourne E A) Imperforate tricuspid valve with single cardiac outlet from right ventricle: case report 259
—*see also* Bush A *et al*
KOHLER J *see* Wieshammer S *et al*
KOHLI R S (& Cashman P M M, Lahiri A, Raftery E B) The ST segment of the ambulatory electrocardiogram in a normal population 4
KRAYENBUEHL H P *see* Nonogi H *et al*
KRIKLER D M Latent pre-excitation: exposure of antero-grade accessory pathway conduction during atrial fibrillation: correspondence reply 94
—*see also* Hollman A *et al*
Robinson K *et al*

L'ABBATE A *see* Picano E *et al*
LAHIRI A *see* Kohli R S *et al*
LAMB R K *see* Qureshi S A *et al*
LAMING P J *see* Underwood S R *et al*
LANDBECK G *see* Hausdorf G *et al*
LASCAULT G (& Reeves F, Drobinski G) Evidence of the inaccuracy of standard echocardiographic and angiographic criteria used for the recognition of true and "false" left venticular inferior aneurysms 125
LATTANZI F *see* Picano E *et al*
LAYTON C A *see* Gershlick A H *et al*
LE BIDOIS J *see* Guikahue M K *et al*
LECKIE B *see* McAlpine H M *et al*
LENAERS S *see* Cleempoel H *et al*
LEVAL M DE *see* de Laval M
LEVANTESI D *see* Picano E *et al*
LIM M K *see* Houston A B *et al*
LINDVALL B *see* Svenson G *et al*
LIPPE G VON DER *see* von der Lippe G
LITTLER W A *see* Murray D P *et al*
LIVESEY S (& Caine N, Spiegelhalter D J, English T A H, Wallwork J) Cardiac surgery for patients aged 65 years and older: a long term survival analysis 480
LOCKE T J (& Furniss S S, McGregor C G A) Coronary artery-right ventricular fistula after endomyocardial biopsy: case report 81
LONGMORE D B *see* Underwood S R *et al*
LORIMER A R *see* Small M *et al*
LOWE G D O *see* Small M *et al*
LOWRY P J Prediction of outcome in dilated cardiomyopathy: correspondence 176
LUE H-C *see* Chiu I-S *et al*
LYONS J P *see* Gershlick A H *et al*

MCALPINE H M (& Morton J J, Leckie B, Rumley A, Gillen G, Dargie H J) Neuroendocrine activation after acute myocardial infarction 117
MACFARLANE P W *see* Phillips A N *et al*
MCGREGOR C G A *see* Locke T J *et al*
MACHADO M V L (& Tynan M J, Curry P V L, Allan L D) Complete fetal heart block 512
MACINA G *see* Turitto G *et al*
MCKAY R *see* Battistessa S A *et al*
MCKEIGUE P M (& Marmot M G, Court Y D S, Cottier D E, Rahman S, Riemersma R A) Diabetes, hyperinsulinaemia, and coronary risk factors in Bangladeshis in East London 390
MCLOUGHLIN N *see* Chambers J *et al*
MADDEN B *see* Robinson K *et al*
MARMOT M G *see* McKeigue P M *et al*
MARNEFFE M DE *see* de Marneffe M
MARRACCINI P *see* Picano E *et al*
MARSHALL A J *see* Ramakrishnan S *et al*
MARTIN R *see* Gibbs J L *et al*
MARTIN R P *see* Parsons J M *et al*
MASINI M *see* Picano E *et al*
MEIJLER F L Latent pre-excitation: exposure of anterograde accessory pathway conduction during atrial fibrillation: correspondence 93
MELEAGROS L (& Gibbs J S R, Ghatei M A, Bloom S R) Increase in plasma concentrations of cardiodilatin (amino terminal pro-atrial natriuretic peptide) in cardiac failure and during recumbency 39
MILIS STUDY GROUP *see* Roberts R *et al*
MILLAR-CRAIG M *see* Murray N H *et al*
MILLER G A H *see* Gray H H *et al*
MILLS P *see* Evans S J W *et al*
MILLS P G *see* de Belder M A *et al*
MILO S (& Fiegel A, Shem-Tov A, Neufeld H N, Goor D A) Hourglass deformity of the pulmonary valve: a third type of pulmonary valve stenosis 128
MITSUOKA T (& Kenny R A, Yeung T A, Chan S L, Perrins J E, Sutton R) Benefits of dual chamber pacing in sick sinus syndrome 338
MOHIADDIN R H *see* Underwood S R *et al*
MORET P *see* Hollman A *et al*
MORP G *see* Hausdorf G *et al*
MORGAN J J *see* Gavaghan T P *et al*
MORGAN J M *see* Gray H H *et al*
MORRISON W L (& Petch M C) Heart block and paragonimiasis: case report 530

MORTON J J *see* McAlpine H M *et al*
MULCAHY D (& Keegan J, Crean P, Quyyumi A, Shapiro L, Wright C, Fox K) Silent myocardial ischaemia in chronic stable angina: a study of its frequency and characteristics in 150 patients 417
MULCAHY R *see* Robinson K *et al*
MULLER J E *see* Roberts R *et al*
MULLIN S M *see* Roberts R *et al*
MURPHY J J (& Hampton J R) Failure of dopexamine to maintain haemodynamic improvement in patients with chronic heart failure 45
MURRAY A *see* Cowan J C *et al*
MURRAY D P (& Tan L B, Salih M, Weissberg P, Murray R G, Littler W A) Does beta adrenergic blockage influence the prognostic implications of postmyocardial infarction exercise testing? 474
MURRAY N H (& Cheesman M G, Millar-Craig M) Echocardiographic demonstration of *Escherichia coli* endocarditis restricted to the pulmonary valve: case report 452
MURRAY R G *see* Murray D P *et al*

NAIDOO D P (& Seedat M A, Vythilingum S) Isolated endocarditis of the pulmonary valve with fragmentation haemolysis: case report 527
NEUFELD H N *see* Miko S *et al*
NEVEUX J Y *see* Guikahue M K *et al*
NIENABER C A *see* Hausdorf G *et al*
NISHIKAWA J-I *see* Suzuki J-I *et al*
NONOGI H (& Hess O M, Ritter M, Krayenbuehl H P) Diastolic properties of the normal left ventricle during supine exercise 30
NORDLANDER R *see* Pehrsson S K *et al*
NORDREHAUG J E *see* Johannessen K-A *et al*

OBERHANSLI I *see* Barazzone C *et al*
OHMAE M *see* Hoshino T *et al*
OLDERSHAW P J *see* Redington A N *et al*
ORYE E *see* van Egmond H *et al*

PAGE S R (& Stewart J T, Bernstein J J) A progessive pericardial effusion caused by psittacosis: case report 87
PALACIOS I F *see* Dec G W *et al*
Wilkins G T *et al*
PANETH M *see* Gray H H *et al*
PARKER C *see* Roberts R *et al*
PARSONS J M (& Martin R P, Radley Smith R) Infective endarteritis affecting the left pulmonary artery after anatomical correction of complete transposition of the great arteries: case report 78
PASSAMANI E R *see* Roberts R *et al*
PEDRONI E *see* Guikahue M K *et al*
PEHRSSON S K (& Hjemdahl P, Nordlander R, Åström H) A comparison of sympathoadrenal activity and cardiac performance at rest and during exercise in patients with ventricular demand or atrial synchronous pacing 212
PEPPER J *see* Davies M J *et al*
PERRINS E J *see* Wilson J *et al*
PERRINS J E *see* Mitsuoka T *et al*
PERRY R A (& Seth A, Hunt A, Shiu M F) Coronary angioplasty in unstable angina: success and complications compared with stable angina 367
PETCH M C *see* Morrison W L & Petch M C
PFEIFFER E F *see* Wieshammer S *et al*
PHILLIPS A N (& Shaper A G, Pocock S J, Walker M, Macfarlane P W) The role of risk factors in heart attacks occurring in men with pre-existing ischaemic heart disease 404
PICANO E (& Masini M, Lattanzi F, Klassen G A, Distante A, Levantesi D, Marraccini P, L'Abbate A) Short term reproducibility of exercise testing in patients with ST segment elevation and different responses to the dipyridamole test 281
PICKARD J G *see* Ramakrishnan S *et al*
PIECHAUD J F *see* Guikahue M K *et al*
PIPILIS A *see* Hamouratidis N D *et al*
POCOCK S J *see* Phillips A N *et al*
POLAK J M *see* Wharton J *et al*
POOLE W K *see* Roberts R *et al*
POPA Y *see* Berisha S *et al*
POWER R F *see* Wharton J *et al*
PRAET M *see* van Egmond H *et al*
PRENTICE C R M *see* Wilson J *et al*
PUMPHREY C W *see* de Belder M A *et al*

QURESHI S A (& Kirk C R, Lamb R K, Arnold R, Wilkinson J L) Balloon dilatation of the pulmonary valve in the first year of life in patients with tetralogy of Fallot: a preliminary study 232
—*see also* Gibbs J L *et al*
QUYYUMI A *see* Mulcahy D *et al*

RAABE D S *see* Roberts R *et al*
RADLEY SMITH R *see* Gibbs J L *et al*
Parsons J M *et al*
RAFTERY E B *see* Kohli R S *et al*
RAHMAN S *see* McKeigue P M *et al*
RAMAKRISHNAN S (& Marshall A J, Pickard J G, Tyrrell C J) Pericardiocentesis and systemic cytotoxic chemotherapy in the management of cardiac tamponade secondary to disseminated breast carcinoma 162
RAO P S Further observations on the effect of balloon size on the short term and intermediate term results of balloon dilatation of the pulmonary valve 507
RAPSON A *see* Chambers J *et al*
RASMUSSEN V *see* Jespersen C M & Rasmussen V
REDINGTON A N (& Knight B, Oldershaw P J, Shinebourne E A, Rigby M L) Left ventricular function in double inlet left ventricle before the Fontan operation: comparison with tricuspid atresia 324
—(& Oldershaw P J, Shinebourne E A, Rigby M L) A new technique for the assessment of pulmonary regurgitation and its application to the assessment of right ventricular function before and after repair of tetralogy of Fallot 57
REES R S O *see* Underwood S R *et al*
REEVES F *see* Lascault G *et al*
REID J M *see* Houston A B *et al*
RENARD M *see* Cleempoel H *et al*
RICKARDS A *see* Urban P *et al*
RIEMERSMA R A *see* McKeigue P M *et al*
RIGBY M L *see* Redington A N *et al*
RIMINGTON H *see* de Belder M A *et al*
RITTER M *see* Nonogi H *et al*
ROBERTS R (& Braunwald E, Muller J E, Croft C, Gold H K, Hartwell T D, Jaffe A S, Mullin S M, Parker C, Passamani E R, Poole W K, Robertson T, Raabe D S, Rude R E, Stone P H, Turi Z G, Sobel B E, Willerson J T, The Milis Study Group) Effect of hyaluronidase on mortality and morbidity in patients with early peaking of plasma creatine kinase MB and non-transmural ischaemia. Multicentre investigation for the limitation of infarct size (MILIS) 290
ROBERTSON T *see* Roberts R *et al*
ROBINSON K (& Conroy R M, Mulcahy R) Smoking and acute coronary heart disease: a comparative study 465
—(& Conroy R M, Mulcahy R, Madden B) Relation of infarct site to 15 year prognosis in patients who survived for 28 days after a first myocardial infarction 470
—(& Davies M J, Krikler D M) Type A Wolff-Parkinson-White syndrome obscured by left bundle branch block associated with a vascular malformation of the coronary sinus: case report 352
ROELANDT J R T C (& Sutherland G R) Oesophageal echocardiography: editorial 1
ROSE M *see* Wharton J *et al*
ROSENQVIST M *see* Berglund H *et al*
ROTHMAN M T *see* de Belder M A *et al*
ROUGE J-C *see* Barazzone C *et al*
ROWLAND E *see* Ho S Y *et al*

ROWLANDS D *see* Cheesman M G *et al*
ROWLES P M *see* Davies M J *et al*
RUDE R E *see* Roberts R *et al*
RUMLEY A *see* McAlpine H M *et al*
RUSSELL G *see* Ho S Y *et al*

SAFFORD R E *see* Coppock M A *et al*
SAKAI A *see* Hoshino T *et al*
SAKAMOTO T *see* Suzuki J-I *et al*
SALIH M *see* Murray D P *et al*
SAMANT D R *see* Sarma J S M *et al*
SANDLER M *see* Gemmill J D *et al*
SARMA J S M (& Venkataraman K, Samant D R, Gadgil U G) Effect of propranolol on the QT intervals of normal individuals during exercise: a new method for studying inteventions 434
SEED W A Blood flow patterns in the human aorta studied by magnetic resonance: correspondence 175
SEEDAT M A *see* Naidoo D P *et al*
SETH A *see* Perry R A *et al*
SHAFER A G *see* Phillips A N *et al*
SHAPIRO L *see* Mulcahy D *et al*
SHAPIRO L *see* Urban P *et al*
SHARMA S (& Devine W, Anderson R H, Zuberbuhler J R) The determination of atrial arrangement by examination of appendage morphology in 1842 heart specimens 227
SHARMA T C *see* Singh R N *et al*
SHEM-TOV A *see* Milo S *et al*
SHERIF N EL- *see* El-Sherif N
SHINEBOURNE E A *see* Bush A *et al*
Knight W B & Shinebourne E A
Redington A N *et al*
SHIOTA T *see* Suzuki J-I *et al*
SHIU M F *see* Perry R A *et al*
SIDI D *see* Guikahue M K *et al*
SIGLOW V *see* Hausdorf G *et al*
SILVERTON N P *see* Wilson J *et al*
SINGH R N (& Sharma T C, Sosa J A) Spontaneous resolution of a dissection of the descending aorta after medical treatment with a beta blocker and a calcium antagonist: correspondence 264
SKEHAN J D *see* de Belder M A *et al*
SMALL M (& Lowe G D O, Douglas J T, Hutton I, Lorimer A R, Forbes C D) Thrombin and plasmin activity in coronary artery disease 201
SMITH A *see* Wharton J *et al*
SMITH D R *see* Wilson J *et al*
SMITH R RADLEY *see* Radley Smith R
SOBEL B E *see* Roberts R *et al*
SOMERVILLE J *see* El Habbal M M *et al*
SOSA J A *see* Singh R N *et al*
SOUTHERN J F *see* Dec G W *et al*
SPIEGELHALTER D J *see* Livesey S *et al*
SPRINGALL D *see* Wharton J *et al*
STARK J *see* Deanfield J E *et al*
STAUCH M *see* Wieshammer S *et al*
STEWART J T *see* Page S R *et al*
STONE P H *see* Roberts R *et al*
STRANDBERG L-E *see* Svenson G *et al*
STURRIDGE M F *see* Gershlick A H *et al*
STURRIDGE M F *see* Hunter G J *et al*
SUGIMOTO T *see* Suzuki J-I *et al*
SUTHERLAND G R *see* Roelandt J R T C & Sutherland G R
SUTTON R *see* Mitsuoka T *et al*
SUZUKI J-I (& Sakamoto T, Takenaka K, Kawakubo K Amano K, Takahashi H, Hasegawa I, Shiota T, Hada Y, Sugimoto T, Nishikawa J-I) Assessment of the thickness of the right ventricular free wall by magnetic resonance imaging in patients with hypertrophic cardiomyopathy 440
SVENSON G (& Strandberg L-E, Lindvall B, Erhardt L) Haemodynamic response to dopexamine hydrochloride in postinfarction heart failure: lack of tolerance after continuous infusion 489
SWANTON R H *see* Hunter G J *et al*
Underwood S R *et al*

TAKAHASHI H *see* Suzuki J-I *et al*
TAKENAKA K *see* Suzuki J-I *et al*
TAN L B *see* Murray D P *et al*
TANSUPHASAWADIKUL S *see* Cowan J C *et al*
THOMAS H *see* Hunter G J *et al*
THOMPSON G R *see* Barbir M *et al*
THORBURN C *see* Gavaghan T P *et al*
TILLMAN J *see* Gemmill J D *et al*
TOV A SHEM *see* Shem-Tov A
TRAYNER I *see* Barbir M *et al*
TREASURE T *see* Hayward *et al*
Hunter G J *et al*
TURI Z G *see* Roberts R *et al*
TURITTO G (& Caref E B, Macina G, Fontaine J M, Ursell S N, El-Sherif N) Time course of ventricular arrhythmias and the signal averaged electrocardiogram in the post-infarction period: a prospective study of correlation 17
TYNAN M J *see* Machado M V L *et al*
TYRRELL C J *see* Ramakrishnan S *et al*

UNDERWOOD S R (& Gill C R W, Firmin D N, Klipstein R H, Rohiaddin R H, Rees R S O, Longmore D B) Left ventricular volume measured rapidly by oblique magnetic resonance imaging 188
—(& Walton S, Laming P J, Eli P J, Emanuel R W, Swanton R H) Differential sensitivity of radionuclide ventriculography for the detection of anterior and inferior infarction 411
URBAN P (& Buller N, Fox K, Shapiro L, Bayliss J, Rickards A) Warfarin has no effect on the restenosis rate or on clinical outcome after balloon coronary angioplasty 485
URSELL S N *see* Turitto G *et al*

VAINSEL H *see* Cleempoel H *et al*
VAN DER HAUWAERT L G *see* Gewillig M *et al*
VAN EGMOND H (& Orye E, Praet M, Coppens M, Devloo-Blancquaert A) Hypoplastic left heart syndrome and 45X karyotype 69
VANDENBOSSCHE J-L *see* Cleempoel H *et al*
VENABLES A W *see* Wong K Y *et al*
VENKATARAMAN K *see* Sarma J S M *et al*
VILLAIN E *see* Guikahue M K *et al*
VOLLSET S E *see* Johannessen K-A *et al*
VON DER LIPPE G *see* Johannessen K-A *et al*
VOUHE P *see* Guikahue M K *et al*
VYTHILINGUM S *see* Naidoo D P *et al*

WAITZINGER J *see* Wieshammer S *et al*
WAKEEL B AL *see* Al Wakeel B
WAKEEL R *see* Gemmill J D *et al*
WALKER M *see* Phillips A N *et al*
WALLWORK J *see* Livesey S *et al*
Wharton J *et al*
WALTON S *see* Underwood S R *et al*
WANG J-K *see* Chiu I-S *et al*
WARD D *see* Dancy M *et al*
WARD D E *see* Cripps T *et al*
WEBSTER J *see* Cheesman M G *et al*
WEISSBERG P *see* Murray D P *et al*
WEYMAN A E *see* Wilkins G T *et al*
WHARTON J (& Anderson R H, Springall D, Power R F, Rose M, Smith A, Espejo R, Khaghani A, Wallwork J, Yacoub M H, Polak J M) Localisation of atrial natriuretic peptide immunoreactivity in the ventricular myocardium and conduction system of the human fetal and adult heart 267
WIESHAMMER S (& Keck F S, Waitzinger J, Kohler J, Adam W E, Stauch M, Pfeiffer E F) Left ventricular function at rest and during exercise in acute hypothyroidism 204

WILE D *see* Barbir M *et al*
WILKINS G T (& Weyman A E, Abascal V M, Block P C, Palacios I F) Percutaneous balloon dilatation of the mitral valve: an analysis of echocardiographic variables related to outcome and the mechanism of dilatation 299
WILKINSON J L *see* Qureshi S A *et al*
WILLERSON J T *see* Roberts R *et al*
WILSON J (& Silverton N P, Baig M W, Perrins E J, Smith D R, Davies J A, Prentice C R M) Coronary artery calibre after direct intra-arterial infusion of epoprostenol (prostacyclin) 373
WILSON N *see* Gibbs J L *et al*
WINKLER K *see* Hausdorf G *et al*
WONG K Y (& Venables A W, Kelly M J, Kalff V) Longitudinal study of ventricular function after the Mustard operation for transposition of the great arteries: a long term follow up 316
WOOLF N *see* Davies M J *et al*
WRIGHT C *see* Mulcahy D *et al*
WRIGHT J E C *see* Gershlick A H *et al*
WU M-H *see* Chiu I-S *et al*

YACOUB M H *see* Gibbs J L *et al*
Wharton J *et al*
YATES A K *see* Hamouratidis N D *et al*
YEUNG T A *see* Mitsuoka T *et al*

ZUBERBUHLER J R *see* Sharma S *et al*

SUBJECT INDEX

1988, Volume 60

Ambulatory electrocardiogram, ST segment, in normal population (Kohli *et al*). 4
Angina pectoris treated by ventricular plication: case report (Gray *et al*). 83
Angiosarcoma, pericardial obliteration: case report (Cheesman *et al*). 262
Aorta
  blood flow patterns, studied by magnetic resonance: correspondence (Seed: Klipstein). 175
  descending, dissection, spontaneous resolution after beta blocker and calcium antagonist: correspondence (Singh *et al*: Hoshino *et al*). 264: 265
  and pulmonary pathways in human fetus, measurements of dimensions (Angelini *et al*). 221
  valve, balloon dilatation, limited success and early restenosis (Dancy *et al*). 236
Aorto-atrial communication, surgical, balloon closure: case report (Hayward *et al*). 358
Apolipoprotein abnormalities, and hypertriglyceridaemia, high prevalence in coronary artery disease (Barbir *et al*). 397
Arrhythmias, early prediction after myocardial infarction (Cripps *et al*). 181
Atherosclerotic plaques, morphology of endothelium, over in coronary arteries (Davies *et al*). 459
Atrial
  arrangement, determination by examination of appendage morphology in 1842 heart specimens (Sharma *et al*). 227
  arrhythmias, acute, after cardiopulmonary bypass, flecainide compared with combination of digoxin and disopyramide (Gavaghan *et al*). 497
  isomerism, clinical implications (Chiu *et al*). 72
  natriuretic peptide localisation of immunoreactivity in ventricular myocardium and conduction system (Wharton *et al*). 267
Atrioventricular connections, accessory, and coronary venous aneurysms: case report (Ho *et al*). 348

Balloon
  closure of surgical aorto-atrial communication: case report (Hayward *et al*). 358
  coronary angioplasty, warfarin, lack of effect on restenosis rate or clinical outcome after (Urban *et al*). 485
  dilatation of aortic valve, limited success and early restenosis (Dancy *et al*). 236
    percutaneous, of mitral valve (Wilkins *et al*). 299
    of pulmonary valve in first year of life in tetralogy of Fallot (Qureshi *et al*). 232
  size and results of dilatation of pulmonary valve (Rao). 507
Bangladeshis, East London, diabetes, hyperinsulinaemia, and coronary risk factors (McKeigue *et al*). 390
Beta adrenergic blockade influence on prognostic implications of post-myocardial infarction exercise testing (Murray *et al*). 474
Beta blocker and calcium antagonist in spontaneous resolution of dissection of descending aorta: correspondence (Singh *et al*: Hoshino *et al*). 264: 265
Bipolar modified inferior lead, value in detection of inferior myocardial ischaemia (Jespersen & Rasmussen). 287
Blood
  flow patterns in human aorta studied by magnetic resonance: correspondence (Seed: Klipstein). 175
  pressure, systolic, as risk factor in heart disease (Phillips *et al*). 404
Breast carcinoma, disseminated, cardiac tamponade secondary to, pericardiocentesis and systemic cytotoxic chemotherapy (Ramakrishnan *et al*). 162

Calcium antagonist and beta blocker in spontaneous resolution of dissection of descending aorta: correspondence (Singh *et al* Hoshino *et al*). 264: 265
Cardiac
  failure, chronic, failure of dopexamine to maintain haemodynamic improvement (Murphy & Hampton). 45
  performance and sympathoadrenal activity compared in ventricular demand or atrial synchronous pacing (Pehrsson *et al*). 212
  surgery for patients aged 65 years and older, long term survival analysis (Livesey *et al*). 480
  tamponade secondary to disseminated breast carcinoma, pericardiocentesis and systemic cytotoxic chemotherapy (Ramakrishnan *et al*). 162
Cardiodilatin, plasma, in cardiac failure (Meleagros *et al*). 39
Cardiopulmonary bypass, acute atrial arrhythmias after, flecainide compared with combination of digoxin and disopyramide (Gavaghan *et al*). 497
Carotid sinus stimulation, responses before and after propranolol (Berglund *et al*). 516
Cholesterol as risk factor in heart disease (Phillips *et al*). 404
Chromosome 45X (Turner's syndrome), and hypoplastic left heart syndrome (van Egmond *et al*). 69
Confidence intervals rather than p values: editorial (Evans *et al*). 177
Coronary
  artery, anomalous left, arising from pulmonary artery in infancy, timing of operation (Guikahue *et al*). 522
    calibre after direct intra-arterial infusion of epoprostenol (prostacyclin) (Wilson *et al*). 373
    disease, high prevalence of hypertriglyceridaemia and apolipoprotein abnormalities (Babir *et al*). 397
    and smoking, comparative study (Robinson *et al*). 465
    thrombin and plasmin activity (Small *et al*). 201
    fistula, and pulmonary atresia with ventricular septal defect, late presentation: correspondence (Anderson). 264
    right ventricular fistula after endomyocardial biopsy: case report (Locke *et al*). 81
    surgery, effects on left ventricular performance, segmental wall movement, and exertional ischaemia (Hamouratidis *et al*). 23
  bypass surgery, postoperative aspirin and dipyridamole (Gershlick *et al*). 111
  venous aneurysms, and accessory atrioventricular connections: case report (Ho *et al*). 348

Correspondence
  Blood flow patterns in the human aorta studied by magnetic resonance (Seed: Klipstein). 175
  Latent pre-excitation: exposure of anterograde accessory pathway conduction during atrial fibrillation (Meijler: Kriktler). 93: 94
  Prediction of outcome in dilated cardiomyopathy (Lowry). 176
  Pulmonary atresia with ventricular septal defect and coronary artery fistula: a late presentation (Anderson). 264
  Spontaneous resolution of a dissection of the descending aorta after medical treatment with a beta blocker and a calcium antagonist (Singh *et al*: Hoshino *et al*). 264: 265
  Vasculitis complicating treatment with intravenous anisoylated plasminogen streptokinase activator complex in acute myocardial infarction (Gemmill *et al*). 361
Creatine kinase, plasma, early peaking effect of hyaluronidase (Roberts *et al*). 290
Cytotoxic chemotherapy, systemic, and pericardiocentesis, in cardiac tamponade secondary to disseminated breast carcinoma Ramakrishnan *et al*). 162

Diabetes, hyperinsulinaemia, and coronary risk factors, Bangladeshis in East London (McKeigue *et al*). 390
Diastolic
dysfunction, early, in hypertrophic non-obstructive cardiomyopathy, effects of increasing afterload (Hausdorf *et al*). 240
properties of normal left ventricle during supine exercise (Nonogi *et al*). 30
Digital subtraction angiography, demonstration of ascending aorta in infective endocarditis (Hunter *et al*). 252
Dilated cardiomyopathy, prediction of outcome: correspondence (Lowry). 176
Dipyridamole test, exercise testing and ST segment elevation (Picano *et al*). 281
Dopexamine
failure to maintain haemodynamic improvement in chronic cardiac failure (Murphy & Hampton). 45
hydrochloride, haemodynamic response in postinfarction heart failure (Svenson *et al*). 489
Doppler
assessment of interventricular pressure drop in ventricular septal defects (Houston *et al*). 50
echocardiography, in transient neonatal tricuspid regurgitation, study of three cases (Gewillig *et al*). 446
Double
inlet left ventricle, left ventricular function, before Fontan operation, comparison with tricuspid atresia (Redington *et al*). 324
outlet right atrium, surgical creation, for tricuspid valve stenosis after Rastelli operation: case report (Deanfield *et al*). 172
Doxorubicin cardiotoxicity, long term, in childhood (Hausdorf *et al*). 309

Echocardiography, oesophageal: editorial (Roelandt & Sutherland). 1
Editorial
Ischaemic ventricular aneurysms: true or false? (Davies). 95
Oesophageal echocardiography (Roelandt & Sutherland). 1
Silent ischaemia: clinical implications in 1988 (Fox). 363
The end of the p value? (Evans *et al*). 177
Embolisation risk factors in left ventricular thrombi and acute myocardial infarction (Johannessen *et al*). 104
Endomyocardial biopsy, coronary artery-right ventricular fistula after: case report (Locke *et al*). 81
Endothelium over atherosclerotic plaques, morphology, in coronary arteries (Davies *et al*). 459
Epicardial repolarisation sequence, and configuration of T wave (Cowan *et al*). 424
Epoprostenol (prostacyclin)
direct intra-arterial infusion, coronary artery calibre after (Wilson *et al*). 373
and tolazoline, comparison of haemodynamic effects (Bush *et al*). 141
Escherichia coli endocarditis, restricted to pulmonary valve, echocardiographic demonstration: case report (Murray *et al*). 452
Exercise
effect of propranolol on QT intervals of normal individuals during (Sarma *et al*). 434
supine, diastolic properties of normal left ventricle during (Nonogi *et al*). 30
testing, post-myocardial infarction, beta adrenergic blockade influence on prognostic implications (Murray *et al*). 474

Fetus, complete heart block (Machado *et al*). 512
Flecainide, compared with combination of digoxin and disopyramide, for acute atrial arrhythmias after cardiopulmonary bypass (Gavaghan *et al*). 497
Fontan operation, left ventricular function in double inlet left ventricle before, comparison with tricuspid atresia (Redington *et al*). 324

Heart
block, complete, in the fetus (Machado *et al*). 512
and paragonimiasis: case report (Morrison & Petch). 530
rate, effect of changes on pressure half time in normally functioning mitral valve prostheses (Chambers *et al*). 502
Hour-glass deformity of pulmonary valve, third type of pulmonary valve stenosis (Milo *et al*). 128
Hyaluronidase, effect on early peaking of plasma creatine kinase MB, and non-transmural ischaemia (Roberts *et al*). 290
Hyperinsulinaemia, diabetes, and coronary risk factors, Bangladeshis in East London (McKeigue *et al*). 390
Hypertriglyceridaemia, and apolipoprotein abnormalities high prevalence in coronary artery disease (Barbir *et al*). 397
Hypertrophic
cardiomyopathy, and familial neurofibromatosis (Fitzpatrick & Emanuel). 247
right ventricular free wall thickness assessment by magnetic resonance imaging (Suzuki *et al*). 440
non-obstructive cardiomyopathy, early diastolic dysfunction, effect of increasing afterload (Hausdorf *et al*). 240
Hypoplastic left heart syndrome, and Turner's syndrome (45X karyotype) (van Egmond *et al*). 69
Hypothyroidism, acute, left ventricular function at rest and during exercise (Wieshammer *et al*). 204

Infarct
site, relation to long-term prognosis after myocardial infarction (Robinson *et al*). 470
size, effect of hyaluronidase (Roberts *et al*). 290
Infective
endarteritis affecting left pulmonary artery after anatomical correction of complete transposition of great arteries: case report (Parsons *et al*). 78
endocarditis, demonstration of ascending aorta by intravenous digital subtraction angiography (Hunter *et al*). 252
isolated, pulmonary valve, with fragmentation haemolysis: case report (Naidoo *et al*). 527
Interventricular pressure drop, Doppler assessment, in ventricular septal defects (Houston *et al*). 50
Intravenous anisoylated plasminogen streptokinase activator complex in acute myocardial infarction, vasculitis complicating treatment: correspondence (Gemmill *et al*). 361
Ischaemia, exertional, effects of coronary artery surgery (Hamouratidis *et al*). 23
Isoprenaline, effect on response after surgical repair of tetralogy of Fallot treated with propranolol (Barazzone *et al*). 156

Latent pre-excitation, exposure of anterograde accessory pathway conduction during atrial fibrillation: correspondence (Meijler: Krikler). 93: 94
Left
anterior descending coronary artery, anomalous origin, from pulmonary trunk, recognition in life and successful surgical treatment: case report (El Habbal *et al*). 90
ventricle, normal, diastolic properties, during supine exercise (Nonogi *et al*). 30
aneurysms, recognition of true and "false", inaccuracy of diagnostic criteria (Lascault *et al*). 125
true or "false", diagnostic criteria: editorial (Davies). 95
function in double inlet left ventricle before Fontan operation, comparison with tricuspid atresia (Redington *et al*). 324
and repeat right ventricular biopsy,. in myocarditis (Dec *et al*). 332
at rest and during exercise in acute hypothyroidism (Wieshammer *et al*). 204
performance, effects of coronary artery surgery (Hamouratidis *et al*). 23
thrombi, and acute myocardial infarction, embolisation risk factors (Johannessen *et al*). 104
volume measured rapidly by oblique magnetic resonance imaging (Underwood *et al*). 188

Lipoma infiltrating the mitral valve, and mitral incompetence: case report (Anderson & Gray). 169

Magnetic resonance imaging
  blood flow patterns in human aorta studied by: correspondence (Seed: Klipstein). 175
  oblique, left ventricular volume measured rapidly (Underwood *et al*). 188
  right ventricular free wall thickness assessment, in hypertrophic cardiomyopathy (Suzuki *et al*). 440
Mitral
  incompetence associated with lipoma infiltrating the mitral valve: case report (Anderson & Gray). 169
  regurgitation, severity, assessment from dynamics of retrograde flow (Bradley & Gibson). 134
  valve, percutaneous balloon dilatation (Wilkins *et al*). 299
    prostheses, normally functioning, effect of changes in heart rate on pressure half time (Chambers *et al*). 502
Mustard operation for transposition of great arteries, ventricular function after (Wong *et al*). 316
Myocardial
  infarction, anterior and inferior, differential sensitivity of radionuclide ventriculography (Underwood *et al*). 411
    early prediction of arrhythmias (Crippa *et al*). 181
    and left ventricular thrombi, embolisation risk factors (Johannessen *et al*). 104
    neuroendocrine activation after (McAlpine *et al*). 117
    predicting outcome from clinical, and exercise tests, and angiography (de Belder *et al*). 377
    prediscbarge data after, limitations on prognostic value (Cleempoel *et al*). 98
    relation of infarct site to 15 year prognosis (Robinson *et al*). 470
    vasculitis complicating treatment with intravenous anisoylated plasminogen streptokinase activator complex: correspondence (Gemmill *et al*). 361
    see also Post-infarction
  ischaemia, inferior, bipolar modified inferior lead in detection (Jespersen & Rasmussen). 287
Myocarditis, repeat right ventricular biopsy and left ventricular function (Dec *et al*). 332

Neuroendocrine activation after acute myocardial infarction (McAlpine *et al*). 117
Neurofibromatosis, familial, and hypertrophic cardiomyopathy (Fitzpatrick & Emanuel). 247
Nifedipine, acute haemodynamic effects in ventricular septal defect (Berisha *et al*). 149
Notices 92, 176, 266, 362, 458

Obituary: Pierre W Duchosal (Hollman *et al*). 532
Oesophageal echocardiography: editorial (Roelandt & Sutherland). 1

p value, end of use in British Heart Journal papers: editorial (Evans *et al*). 177
Pacing
  dual chamber, benefits in sick sinus syndrome (Mitsuoka *et al*). 338
  ventricular demand or atrial synchronous, comparison of sympathoadrenal activity and cardiac performance (Pehrsson *et al*). 212
Paragonimiasis, and heart block: case report (Morrison & Petch). 530
Percutaneous transluminal coronary angioplasty in unstable and stable angina, a comparison of (Perry *et al*). 367
Periarterial abscess, another cause of cyanosis after pulmonary artery banding: case report (Battistessa *et al*). 355
Pericardial
  effusion, progressive, caused by psittacosis: case report (Page *et al*). 87
  obliteration by angiosarcoma: case report (Cheesman *et al*). 262
Pericardiocentesis, and systemic cytotoxic chemotherapy in cardiac tamponade secondary to disseminated breast carcinoma (Ramakrishnan *et al*). 162
Phospholipid antibodies, intracardiac thrombosis, and two-chambered right ventricle: case report (Coppock *et al*). 455
Plasmin and thrombin activity in coronary artery disease (Small *et al*). 201
Post-infarction, time course of ventricular arrhythmias (Turitto *et al*). 17
Post-myocardial infarction exercise testing, beta adrenergic blockade influence on prognostic implications (Murray *et al*). 474
Predischarge data after myocardial infarction, limitations on prognostic value (Cleempoel *et al*). 98
Propranolol
  carotid sinus stimulation responses before and after (Berglund *et al*). 516
  effect on QT intervals of normal individuals during exercise (Sarma *et al*). 434
  treatment in children with tetralogy of Fallot, effect on response to isoprenaline after surgical repair (Barrazzone *et al*). 156
  direct intra-arterial infusion, coronary artery calibre after (Wilson *et al*). 373
  and tolazoline, comparison of haemodynamic effects (Bush *et al*). 141
Pseudoaneurysms
  diagnostic criteria: editorial (Davies). 95
  diagnostic criteria (Lascault *et al*). 125
Psittacosis, causing progressive pericardial effusion: case report (Page *et al*). 87
Pulmonary
  and aortic pathways in human fetus, measurements of dimensions (Angelini *et al*). 221
  artery, anomalous left coronary artery arising from, in infancy, timing of operation (Guikahue *et al*). 522
    banding, periarterial abscess as cause of cyanosis after: case report (Battistessa *et al*). 355
  atresia with ventricular septal defect and coronary artery fistula, a late presentation: correspondence (Anderson). 264
  embolectomy for acute massive pulmonary embolism, analysis of 71 cases (Gray *et al*). 196
  valve, *Escherichia coli* endocarditis restricted to, echocardiographic demonstration: case report (Murray *et al*). 452
Pulmonary valve dilatation, effects of balloon size (Rao). 507
  stenosis, third type, hour-glass deformity of pulmonary valve (Milo *et al*). 128

QT intervals of normal individuals during exercise, effect of propranolol (Sarma *et al*). 434

Radionuclide ventriculography, differential sensitivity, for detection of anterior and inferior infarction (Underwood *et al*). 411
Rastelli operation, tricuspid valve stenosis after, surgical creation of double outlet right atrium: case report (Deanfield *et al*). 172
Right ventricular
  biopsy, repeat, and left ventricular function, in myocarditis (Dec *et al*). 332
  free wall thickness, assessment by magnetic resonance imaging in hypertrophic cardiomyopathy (Suzuki *et al*). 440
  function in tetralogy of Fallot (Redington *et al*). 57
Risk factors, coronary
  apolipoprotein, in coronary artery disease (Barbir *et al*). 397
  cholesterol, blood pressure, and smoking in pre-existing ischaemia heart disease (Phillips *et al*). 404
  diabetes and hyperinsulinaemia, Bangladeshis in East London (McKeigue *et al*). 390

Segmental wall movement, effects of coronary artery surgery (Hamouratidis *et al*). 23
Sick sinus syndrome, dual chamber pacing benefits (Mitsuoka *et al*). 338

Signal averaged electrocardiogram, post-infarction period (Turitto *et al*). 17
Silent myocardial ischaemia
in chronic stable angina, frequency and characteristics in 150 patients (Mulcahy *et al*). 417
clinical implications in 1988: editorial (Fox). 363
Single cardiac outlet from right ventricle, with imperforate tricuspid valve: case report (Knight & Shinebourne). 259
Smoking
and acute coronary artery disease, comparative study (Robinson *et al*). 465
as risk factor in heart disease (Phillips *et al*). 404
ST segment
of ambulatory electrocardiogram in normal population (Kohli *et al*). 4
elevation, in exercise testing, and dipyridamole test (Picano *et al*). 281
as non-invasive marker of coronary artery reperfusion after thrombolytic treatment (Hogg *et al*). 275
Stable angina, chronic, and silent myocardial ischaemia, frequency and characteristics in 150 patients (Mulcahy *et al*). 417
Sympathoadrenal activity and cardiac performance compared in ventricular demand or atrial synchronous pacing (Pehrsson *et al*). 212

T wave configuration, and sequence of epicardial repolarisation (Cowan *et al*). 424
Tetralogy of Fallot
balloon dilatation of pulmonary valve in first year of life (Qureshi *et al*). 232
propranolol treatment in children, effect on response to isoprenaline after surgical repair (Barazzone *et al*). 156
right ventricular function (Redington *et al*). 57
Thrombin and plasmin activity in coronary artery disease (Small *et al*). 201
Thrombolytic treatment in myocardial infarction, electrocardiographic prediction of coronary artery patency (Hogg *et al*). 275
Thrombosis, intracardiac, phospholipid antibodies, and two-chambered right ventricle: case report (Coppock *et al*). 455
Tolazoline, and epoprostenol (prostacyclin), comparison of haemodynamic effects (Bush *et al*). 141
Transient neonatal tricuspid regurgitation, Doppler echocardiographic study of three cases (Gewillig *et al*). 446
Transposition of great arteries
neonatal anatomical correction, haemodynamic assessment up to four years after (Gibbs *et al*). 66
infective endarteritis of left pulmonary artery after 2 years: case report (Parsons *et al*). 78
ventricular function after Mustard operation (Wong *et al*). 316
Tricuspid
regurgitation, transient neonatal, Doppler echocardiographic study of three cases (Gewillig *et al*). 446
valve, imperforate, with single cardiac outlet from right ventricle: case report (Knight & Shinebourne). 259
stenosis after Rastelli operation, double outlet right atrium, surgical creation: case report (Deanfield *et al*). 172
Turner's syndrome (45X karyotype) and hypoplastic left heart syndrome (van Egmond *et al*). 69
Two-chambered right ventricle, intracardiac thrombosis and phospholipid antibodies: case report (Coppock *et al*). 455

Ventricular
arrhythmias, time course, post-infarction period (Turitto *et al*). 17
plication treatment of angina pectoris: case report (Gray *et al*). 83
septal defects, Doppler assessment of interventricular pressure drop (Houston *et al*). 50
septal defect, nifedipine, acute haemodynamic effects (Berisha *et al*). 149
septal defect with pulmonary atresia, and coronary artery fistula, late presentation: correspondence (Anderson). 264
see also Left ventricle: Right ventricle

Warfarin, lack of effect on restenosis rate or clinical outcome after balloon coronary angioplasty (Urban *et al*). 485
Wilms's tumour extending into right heart chambers, management: case report (Hunt *et al*). 165
Wolff-Parkinson-White syndrome type A, obscured by left bundle branch block associated with a coronary sinus vascular malformation: case report (Robinson *et al*). 352

CONTENTS OF VOLUME 60

Number 1

EDITORIAL: OESOPHAGEAL ECHOCARDIOGRAPHY — J R T C Roelandt, G R Sutherland — 1

THE ST SEGMENT OF THE AMBULATORY ELECTROCARDIOGRAM IN A NORMAL POPULATION — R S Kohli, P M M Cashman, A Lahiri, E B Raftery — 4

TIME COURSE OF VENTRICULAR ARRHYTHMIAS AND THE SIGNAL AVERAGED ELECTROCARDIOGRAM IN THE POST-INFARCTION PERIOD: A PROSPECTIVE STUDY OF CORRELATION — G Turitto, E B Caref, G Macina, J M Fontaine, S N Ursell, N El-Sherif — 17

EFFECTS OF CORONARY ARTERY SURGERY ON LEFT VENTRICULAR PERFORMANCE, SEGMENTAL WALL MOVEMENT, AND EXERTIONAL ISCHAEMIA — N D Hamouratidis, C E Handler, A Pipilis, A Fiandra, P B Deverall, A K Yates — 23

DIASTOLIC PROPERTIES OF THE NORMAL LEFT VENTRICLE DURING SUPINE EXERCISE — H Nonogi, O M Hess, M Ritter, H P Krayenbuehl — 30

INCREASE IN PLASMA CONCENTRATIONS OF CARDIODILATIN (AMINO TERMINAL PRO-ATRIAL NATRIURETIC PEPTIDE) IN CARDIAC FAILURE AND DURING RECUMBENCY — L Meleagros, J S R Gibbs, M A Ghatei, S R Bloom — 39

FAILURE OF DOPEXAMINE TO MAINTAIN HAEMODYNAMIC IMPROVEMENT IN PATIENTS WITH CHRONIC HEART FAILURE — J J Murphy, J R Hampton — 45

DOPPLER ASSESSMENT OF THE INTERVENTRICULAR PRESSURE DROP IN PATIENTS WITH VENTRICULAR SEPTAL DEFECTS — A B Houston, M K Lim, W B Doig, J M Reid, E N Coleman — 50

A NEW TECHNIQUE FOR THE ASSESSMENT OF PULMONARY REGURGITATION AND ITS APPLICATION TO THE ASSESSMENT OF RIGHT VENTRICULAR FUNCTION BEFORE AND AFTER REPAIR OF TETRALOGY OF FALLOT — A N Redington, P J Oldershaw, E A Shinebourne, M L Rigby — 57

NEONATAL ANATOMICAL CORRECTION OF TRANSPOSITION OF THE GREAT ARTERIES: NON-INVASIVE ASSESSMENT OF HAEMODYNAMIC FUNCTION UP TO FOUR YEARS AFTER OPERATION — J L Gibbs, S A Qureshi, R Martin, N Wilson, M H Yacoub, R Radley Smith — 66

HYPOPLASTIC LEFT HEART SYNDROME AND 45X KARYOTYPE — H van Egmond, E Orye, M Praet, M Coppens, A Devloo-Blancquaert — 69

CLINICAL IMPLICATIONS OF ATRIAL ISOMERISM — I-S Chiu, S-W How, J-K Wang, M-H Wu, S-H Chu, H-C Lue, C-R Hung — 72

CASE REPORTS

INFECTIVE ENDARTERITIS AFFECTING THE LEFT PULMONARY ARTERY AFTER ANATOMICAL CORRECTION OF COMPLETE TRANSPOSITION OF THE GREAT ARTERIES — J M Parsons, R P Martin, R Radley Smith — 78

CORONARY ARTERY-RIGHT VENTRICULAR FISTULA AFTER ENDOMYOCARDIAL BIOPSY — T J Locke, S S Furniss, C G A McGregor — 81

ANGINA PECTORIS TREATED BY VENTRICULAR PLICATION — H H Gray, M Paneth, D G Gibson — 83

A PROGRESSIVE PERICARDIAL EFFUSION CAUSED BY PSITTACOSIS — S R Page, J T Stewart, J J Bernstein — 87

ANOMALOUS ORIGIN OF THE LEFT ANTERIOR DESCENDING CORONARY ARTERY FROM THE PULMONARY TRUNK: RECOGNITION IN LIFE AND SUCCESSFUL SURGICAL TREATMENT — M M El Habbal, M de Leval, J Somerville — 90

NOTICE — 92

CORRESPONDENCE — 93

Number 2

EDITORIAL: ISCHAEMIC VENTRICULAR ANEURYSMS: TRUE OR FALSE? M J Davies 95

LIMITATIONS ON THE PROGNOSTIC VALUE OF PREDISCHARGE DATA AFTER MYOCARDIAL INFARCTION
H Cleempoel, H Vainsel, M Dramaix, A Lenaers, E Contu, M Hoylaerts, B Demaret, M de Marneffe, J-L Vandenbossche, M Renard, R Haardt, M Englert, H Denolin, R Bernard 98

RISK FACTORS FOR EMBOLISATION IN PATIENTS WITH LEFT VENTRICULAR THROMBI AND ACUTE MYOCARDIAL INFARCTION K-A Johannessen, J E Nordrehaug, G von der Lippe, S E Vollset 104

LONG TERM CLINICAL OUTCOME OF CORONARY SURGERY AND ASSESSMENT OF THE BENEFIT OBTAINED WITH POSTOPERATIVE ASPIRIN AND DIPYRIDAMOLE
A H Gershlick, J P Lyons, J E C Wright, M F Sturridge, C A Layton, R Balcon 111

NEUROENDOCRINE ACTIVATION AFTER ACUTE MYOCARDIAL INFARCTION
H M McAlpine, J J Morton, B Leckie, A Rumley, G Gillen, H J Dargie 117

EVIDENCE OF THE INACCURACY OF STANDARD ECHOCARDIOGRAPHIC AND ANGIOGRAPHIC CRITERIA USED FOR THE RECOGNITION OF TRUE AND "FALSE" LEFT VENTRICULAR INFERIOR ANEURYSMS
G Lascault, F Reeves, G Drobinski 125

HOUR-GLASS DEFORMITY OF THE PULMONARY VALVE: A THIRD TYPE OF PULMONARY VALVE STENOSIS
S Milo, A M I Fiegel, A Shem-Tov, H N Neufeld, D A Goor 128

ASSESSMENT OF THE SEVERITY OF MITRAL REGURGITATION FROM THE DYNAMICS OF RETROGRADE FLOW
J A Bradley, D G Gibson 134

COMPARISON OF THE HAEMODYNAMIC EFFECTS OF EPOPROSTENOL (PROSTACYCLIN) AND TOLAZOLINE
A Bush, C M Busst, W B Knight, E A Shinebourne 141

ACUTE HAEMODYNAMIC EFFECTS OF NIFEDIPINE IN PATIENTS WITH VENTRICULAR SEPTAL DEFECT
S Berisha, A Goda, A Kastrati, A Frasheri, Y Popa 149

PROPRANOLOL TREATMENT IN CHILDREN WITH TETRALOGY OF FALLOT ALTERS THE RESPONSE TO ISOPRENALINE AFTER SURGICAL REPAIR
C Barazzone, C Jaccard, M Berner, P Dayer, J-C Rouge, I Oberhansli, B Friedli 156

PERICARDIOCENTESIS AND SYSTEMIC CYTOTOXIC CHEMOTHERAPY IN THE MANAGEMENT OF CARDIAC TAMPONADE SECONDARY TO DISSEMINATED BREAST CARCINOMA
S Ramakrishnan, A J Marshall, J G Pickard, C J Tyrrell 162

CASE REPORTS

MANAGEMENT OF A PATIENT WITH WILMS'S TUMOUR EXTENDING INTO THE RIGHT HEART CHAMBERS: A CASE REPORT AND A REVIEW OF OTHER PUBLISHED REPORTS
T M Hunt, R K Firmin, M J S Johnstone 165

MITRAL INCOMPETENCE ASSOCIATED WITH LIPOMA INFILTRATING THE MITRAL VALVE
D R Anderson, M R Gray 169

SURGICAL CREATION OF A DOUBLE OUTLET RIGHT ATRIUM FOR TRICUSPID VALVE STENOSIS AFTER A RASTELLI OPERATION J E Deanfield, S R Gundry, J Stark 172

CORRESPONDENCE 175

NOTICE 176

Number 3

EDITORIAL: THE END OF THE P VALUE? S J W Evans, P Mills, J Dawson 177

HIGH GAIN SIGNAL AVERAGED ELECTROCARDIOGRAM COMBINED WITH 24 HOUR MONITORING IN PATIENTS EARLY AFTER MYOCARDIAL INFARCTION FOR BEDSIDE PREDICTION OF ARRHYTHMIC EVENTS
T Cripps, E D Bennett, A J Camm, D E Ward 181

LEFT VENTRICULAR VOLUME MEASURED RAPIDLY BY OBLIQUE MAGNETIC RESONANCE IMAGING
S R Underwood, C R W Gill, D N Firmin, R H Klipstein, R H Mohiaddin, R S O Rees, D B Longmore 188

PULMONARY EMBOLECTOMY FOR ACUTE MASSIVE PULMONARY EMBOLISM: AN ANALYSIS OF 71 CASES
H H Gray, J M Morgan, M Paneth, G A H Miller 196

THROMBIN AND PLASMIN ACTIVITY IN CORONARY ARTERY DISEASE
M Small, G D O Lowe, J T Douglas, I Hutton, A R Lorimer, C D Forbes 201

LEFT VENTRICULAR FUNCTION AT REST AND DURING EXERCISE IN ACUTE HYPOTHYROIDISM
S Wieshammer, F S Keck, J Waitzinger, J Kohler, W E Adam, M Stauch, E F Pfeiffer 204

A COMPARISON OF SYMPATHOADRENAL ACTIVITY AND CARDIAC PERFORMANCE AT REST AND DURING EXERCISE IN PATIENTS WITH VENTRICULAR DEMAND OR ATRIAL SYNCHRONOUS PACING
S K Pehrsson, P Hjemdahl, R Nordlander, H Åström 212

MEASUREMENTS OF THE DIMENSIONS OF THE AORTIC AND PULMONARY PATHWAYS IN THE HUMAN FETUS: A CORRELATIVE ECHOCARDIOGRAPHIC AND MORPHOMETRIC STUDY
A Angelini, L D Allan, R H Anderson, D C Crawford, S K Chita, S Y Ho 221

THE DETERMINATION OF ATRIAL ARRANGEMENT BY EXAMINATION OF APPENDAGE MORPHOLOGY IN 1842 HEART SPECIMENS
S Sharma, W Devine, R H Anderson, J R Zuberbuhler 227

BALLOON DILATATION OF THE PULMONARY VALVE IN THE FIRST YEAR OF LIFE IN PATIENTS WITH TETRALOGY OF FALLOT: A PRELIMINARY STUDY
S A Qureshi, C R Kirk, R K Lamb, R Arnold, J L Wilkinson 232

BALLOON DILATATION OF THE AORTIC VALVE: LIMITED SUCCESS AND EARLY RESTENOSIS
M Dancy, K Dawkins, D Ward 236

EFFECTS OF INCREASING AFTERLOAD ON EARLY DIASTOLIC DYSFUNCTION IN HYPERTROPHIC NON-OBSTRUCTIVE CARDIOMYOPATHY
G Hausdorf, V Siglow, C A Nienaber 240

FAMILIAL NEUROFIBROMATOSIS AND HYPERTROPHIC CARDIOMYOPATHY
A P Fitzpatrick, R W Emanuel 247

DEMONSTRATION OF THE ASCENDING AORTA IN INFECTIVE ENDOCARDITIS BY INTRAVENOUS DIGITAL SUBTRACTION ANGIOGRAPHY
G J Hunter, H Thomas, T Treasure, M F Sturridge, R H Swanton 252

CASE REPORTS

IMPERFORATE TRICUSPID VALVE WITH SINGLE CARDIAC OUTLET FROM RIGHT VENTRICLE
W B Knight, E A Shinebourne 259

PERICARDIAL OBLITERATION BY ANGIOSARCOMA
M G Cheesman, J Webster, D Rowlands 262

CORRESPONDENCE 264

NOTICE 266

Number 4

LOCALISATION OF ATRIAL NATRIURETIC PEPTIDE IMMUNOREACTIVITY IN THE VENTRICULAR MYOCARDIUM AND CONDUCTION SYSTEM OF THE HUMAN FETAL AND ADULT HEART
J Wharton, R H Anderson, D Springall, R F Power, M Rose, A Smith, R Espejo, A Khaghani, J Wallwork, M H Yacoub, J M Polak 267

ELECTROCARDIOGRAPHIC PREDICTION OF CORONARY ARTERY PATENCY AFTER THROMBOLYTIC TREATMENT IN ACUTE MYOCARDIAL INFARCTION: USE OF THE ST SEGMENT AS A NON-INVASIVE MARKER
K J Hogg, R S Hornung, C A Howie, N Hockings, F G Dunn, W S Hillis 275

SHORT TERM REPRODUCIBILITY OF EXERCISE TESTING IN PATIENTS WITH ST SEGMENT ELEVATION AND DIFFERENT RESPONSES TO THE DIPYRIDAMOLE TEST
E Picano, M Masini, F Lattanzi, G A Klassen, A Distante, D Levantesi, P Marraccini, A L'Abbate 281

VALUE OF A BIPOLAR MODIFIED INFERIOR LEAD IN DETECTION OF INFERIOR MYOCARDIAL ISCHAEMIA
C M Jespersen, V Rasmussen 287

EFFECT OF HYALURONIDASE ON MORTALITY AND MORBIDITY IN PATIENTS WITH EARLY PEAKING OF PLASMA CREATINE KINASE MB AND NON-TRANSMURAL ISCHAEMIA: MULTICENTRE INVESTIGATION FOR THE LIMITATION OF INFARCT SIZE (MILIS)
R Roberts, E Braunwald, J E Muller, C Croft, H K Gold, T D Hartwell, A S Jaffe, S M Mullin, C Parker, E R Passamani, W K Poole, T Robertson, D S Raabe Jr, R E Rude, P H Stone, Z G Turi, B E Sobel, J T Willerson, and the MILIS study group 290

PERCUTANEOUS BALLOON DILATATION OF THE MITRAL VALVE: AN ANALYSIS OF ECHOCARDIOGRAPHIC VARIABLES RELATED TO OUTCOME AND THE MECHANISM OF DILATATION
G T Wilkins, A E Weyman, V M Abascal, P C Block, I F Palacios 299

LONG TERM DOXORUBICIN CARDIOTOXICITY IN CHILDHOOD: NON-INVASIVE EVALUATION OF THE CONTRACTILE STATE AND DIASTOLIC FILLING
G Hausdorf, G Morf, G Beron, R Erttmann, K Winkler, G Landbeck, E W Keck 309

LONGITUDINAL STUDY OF VENTRICULAR FUNCTION AFTER THE MUSTARD OPERATION FOR TRANSPOSITION OF THE GREAT ARTERIES: A LONG TERM FOLLOW UP
K Y Wong, A W Venables, M J Kelly, V Kalff 316

LEFT VENTRICULAR FUNCTION IN DOUBLE INLET LEFT VENTRICLE BEFORE THE FONTAN OPERATION: COMPARISON WITH TRICUSPID ATRESIA
A N Redington, B Knight, P J Oldershaw, E A Shinebourne, M L Rigby 324

RELATION BETWEEN HISTOLOGICAL FINDINGS ON EARLY REPEAT RIGHT VENTRICULAR BIOPSY AND VENTRICULAR FUNCTION IN PATIENTS WITH MYOCARDITIS
G W Dec Jr, J T Fallon, J F Southern, I F Palacios 332

BENEFITS OF DUAL CHAMBER PACING IN SICK SINUS SYNDROME
T Mitsuoka, R A Kenny, T A Yeung, S L Chan, J E Perrins, R Sutton 338

CASE REPORTS

CORONARY VENOUS ANEURYSMS AND ACCESSORY ATRIOVENTRICULAR CONNECTIONS
S Y Ho, G Russell, E Rowland 348

TYPE A WOLFF-PARKINSON-WHITE SYNDROME OBSCURED BY LEFT BUNDLE BRANCH BLOCK ASSOCIATED WITH A VASCULAR MALFORMATION OF THE CORONARY SINUS
K Robinson, M J Davies, D M Krikler 352

PERIARTERIAL ABSCESS: ANOTHER CAUSE OF CYANOSIS AFTER PULMONARY ARTERY BANDING
S A Battistessa, P L Burczynski, R McKay 355

BALLOON CLOSURE OF A SURGICAL AORTO-ATRIAL COMMUNICATION
R Hayward, B Kendall, T Treasure 358

CORRESPONDENCE 361

NOTICES 362

Number 5

EDITORIAL: SILENT ISCHAEMIA: CLINICAL IMPLICATIONS IN 1988 K M Fox 363

CORONARY ANGIOPLASTY IN UNSTABLE ANGINA AND STABLE ANGINA: A COMPARISON OF SUCCESS AND COMPLICATIONS R A Perry, A Seth, A Hunt, M F Shiu 367

CORONARY ARTERY CALIBRE AFTER DIRECT INTRA-ARTERIAL INFUSION OF EPOPROSTENOL (PROSTACYCLIN)
J Wilson, N P Silverton, M W Baig, E J Perrins, D R Smith, J A Davies, C R M Prentice 373

RELATIVE POWER OF CLINICAL, EXERCISE TEST, AND ANGIOGRAPHIC VARIABLES IN PREDICTING CLINICAL OUTCOME AFTER MYOCARDIAL INFARCTION: THE NEWHAM AND TOWER HAMLETS STUDY
M A de Belder, C W Pumphrey, J D Skehan, H Rimington, B Al Wakeel, S J W Evans, M T Rothman, P G Mills 377

DIABETES, HYPERINSULINAEMIA, AND CORONARY RISK FACTORS IN BANGLADESHIS IN EAST LONDON
P M McKeigue, M G Marmot, Y D Syndercombe Court, D E Cottier, S Rahman, R A Riemersma 390

HIGH PREVALENCE OF HYPERTRIGLYCERIDAEMIA AND APOLIPOPROTEIN ABNORMALITIES IN CORONARY ARTERY DISEASE M Barbir, D Wile, I Trayner, V R Aber, G R Thompson 397

THE ROLE OF RISK FACTORS IN HEART ATTACKS OCCURRING IN MEN WITH PRE-EXISTING ISCHAEMIC HEART DISEASE A N Phillips, A G Shaper, S J Pocock, M Walker, P W Macfarlane 404

DIFFERENTIAL SENSITIVITY OF RADIONUCLIDE VENTRICULOGRAPHY FOR THE DETECTION OF ANTERIOR AND INFERIOR INFARCTION
S R Underwood, S Walton, P J Laming, P J Ell, R W Emanuel, R H Swanton 411

SILENT MYOCARDIAL ISCHAEMIA IN CHRONIC STABLE ANGINA: A STUDY OF ITS FREQUENCY AND CHARACTERISTICS IN 150 PATIENTS
D Mulcahy, J Keegan, P Crean, A Quyyumi, L Shapiro, C Wright, K Fox 417

SEQUENCE OF EPICARDIAL REPOLARISATION AND CONFIGURATION OF THE T WAVE
J C Cowan, C J Hilton, C J Griffiths, S Tansuphaswadikul, J P Bourke, A Murray, R W F Campbell 424

EFFECT OF PROPRANOLOL ON THE QT INTERVALS OF NORMAL INDIVIDUALS DURING EXERCISE: A NEW METHOD FOR STUDYING INTERVENTIONS
J S M Sarma, K Venkataraman, D R Samant, U G Gadgil 434

ASSESSMENT OF THE THICKNESS OF THE RIGHT VENTRICULAR FREE WALL BY MAGNETIC RESONANCE IMAGING IN PATIENTS WITH HYPERTROPHIC CARDIOMYOPATHY
J-I Suzuki, T Sakamoto, K Takenaka, K Kawakubo, K Amano, H Takahashi, I Hasegawa, T Shiota, Y Hada, T Sugimoto, J-I Nishikawa 440

TRANSIENT NEONATAL TRICUSPID REGURGITATION: A DOPPLER ECHOCARDIOGRAPHIC STUDY OF THREE CASES M Gewillig, M Dumoulin, L G Van der Hauwaert 446

CASE REPORTS

ECHOCARDIOGRAPHIC DEMONSTRATION OF ESCHERICHIA COLI ENDOCARDITIS RESTRICTED TO THE PULMONARY VALVE N H Murray, M G Cheesman, M Millar-Craig 452

INTRACARDIAC THROMBOSIS, PHOSPHOLIPID ANTIBODIES, AND TWO-CHAMBERED RIGHT VENTRICLE
M A Coppock, R E Safford, G K Danielson 455

NOTICES 458

Number 6

MORPHOLOGY OF THE ENDOTHELIUM OVER ATHEROSCLEROTIC PLAQUES IN HUMAN CORONARY ARTERIES
M J Davies, N Woolf, P M Rowles, J Pepper 459

SMOKING AND ACUTE CORONARY HEART DISEASE: A COMPARATIVE STUDY
K Robinson, R M Conroy, R Mulcahy 465

RELATION OF INFARCT SITE TO 15 YEAR PROGNOSIS IN PATIENTS WHO SURVIVED FOR 28 DAYS AFTER A FIRST MYOCARDIAL INFARCTION K Robinson, R M Conroy, R Mulcahy, B Madden 470

DOES β ADRENERGIC BLOCKADE INFLUENCE THE PROGNOSTIC IMPLICATIONS OF POST-MYOCARDIAL INFARCTION EXERCISE TESTING?
D P Murray, L B Tan, M Salih, P Weissberg, R G Murray, W A Littler 474

CARDIAC SURGERY FOR PATIENTS AGED 65 YEARS AND OLDER: A LONG TERM SURVIVAL ANALYSIS
S Livesey, N Caine, D J Spiegelhalter, T A H English, J Wallwork 480

LACK OF EFFECT OF WARFARIN ON THE RESTENOSIS RATE OR ON CLINICAL OUTCOME AFTER BALLOON CORONARY ANGIOPLASTY P Urban, N Buller, K Fox, L Shapiro, J Bayliss, A Rickards 485

HAEMODYNAMIC RESPONSE TO DOPEXAMINE HYDROCHLORIDE IN POSTINFARCTION HEART FAILURE: LACK OF TOLERANCE AFTER CONTINUOUS INFUSION
G Svenson, L-E Strandberg, B Lindvall, L Erhardt 489

FLECAINIDE COMPARED WITH A COMBINATION OF DIGOXIN AND DISOPYRAMIDE FOR ACUTE ATRIAL ARRHYTHMIAS AFTER CARDIOPULMONARY BYPASS
T P Gavaghan, A M Keogh, R P Kelly, T J Campbell, C Thorburn, J J Morgan 497

EFFECT OF CHANGES IN HEART RATE ON PRESSURE HALF TIME IN NORMALLY FUNCTIONING MITRAL VALVE PROSTHESES J Chambers, N McLoughlin, A Rapson, G Jackson 502

FURTHER OBSERVATIONS ON THE EFFECT OF BALLOON SIZE ON THE SHORT TERM AND INTERMEDIATE TERM RESULTS OF BALLOON DILATATION OF THE PULMONARY VALVE P Syamasundar Rao 507

FETAL COMPLETE HEART BLOCK M V L Machado, M J Tynan, P V L Curry, L D Allan 512

RESPONSES TO CAROTID SINUS STIMULATION BEFORE AND AFTER PROPRANOLOL
H Berglund, M Rosenqvist, S Boukter, S Bevegard, K O Edhag 516

ANOMALOUS LEFT CORONARY ARTERY ARISING FROM THE PULMONARY ARTERY IN INFANCY: IS EARLY OPERATION BETTER?
M K Guikahue, D Sidi, J Kachaner, E Villain, L Cohen, J F Piechaud, J le Bidois, E Pedroni, P Vouhe, J Y Neveux 522

CASE REPORTS

ISOLATED ENDOCARDITIS OF THE PULMONARY VALVE WITH FRAGMENTATION HAEMOLYSIS
D P Naidoo, M A Seedat, S Vythilingum 527

HEART BLOCK AND PARAGONIMIASIS W L Morrison, M C Petch 530

OBITUARY: P W DUCHOSAL 532

NOTICES 532

INDEX 533